



United States
Department of
Agriculture

Forest
Service

Northeastern Area
State & Private
Forestry

180 Canfield Street
Morgantown, WV 26505

Reply To: 3460/3410

Date: November 5, 1993

FILE COPY

Mr. Greg Mollenkopf
U.S. Army Corps of Engineers
Attn: CENAB-OP-PN
P.O. Box 1715
Baltimore, MD 21203

Dear Greg:

On October 26, 1993, USDA Forest Service personnel conducted a gypsy moth egg mass survey at Raystown Lake. This U.S. Army Corps of Engineers project is planning to treat three areas with a single application of Bacillus thuringiensis (B.t.) in 1994.

The results of the survey are presented in Table 1. The survey plot locations and the proposed treatment areas are shown in Figures 1a-1c. In brief, egg mass densities averaged 776, 532, and 133 egg masses per acre, respectively in the proposed treatment blocks at Ridenour Overlook, Susquehannock and Nancy's Boat to Shore. Since defoliation is likely at Ridenour Overlook and Susquehannock, treatment is recommended at these two sites. No treatment is necessary at Nancy's Boat to Shore since no noticeable defoliation is likely to occur.

If you have any questions or need further information, please call me at (304) 285-1555.

Sincerely,

Rodney L. Whiteman

RODNEY L. WHITEMAN
Forestry Technician
Forest Health Protection

Enclosures

cc: AO
Larry Rhoads, PABOF
Dwight Beal

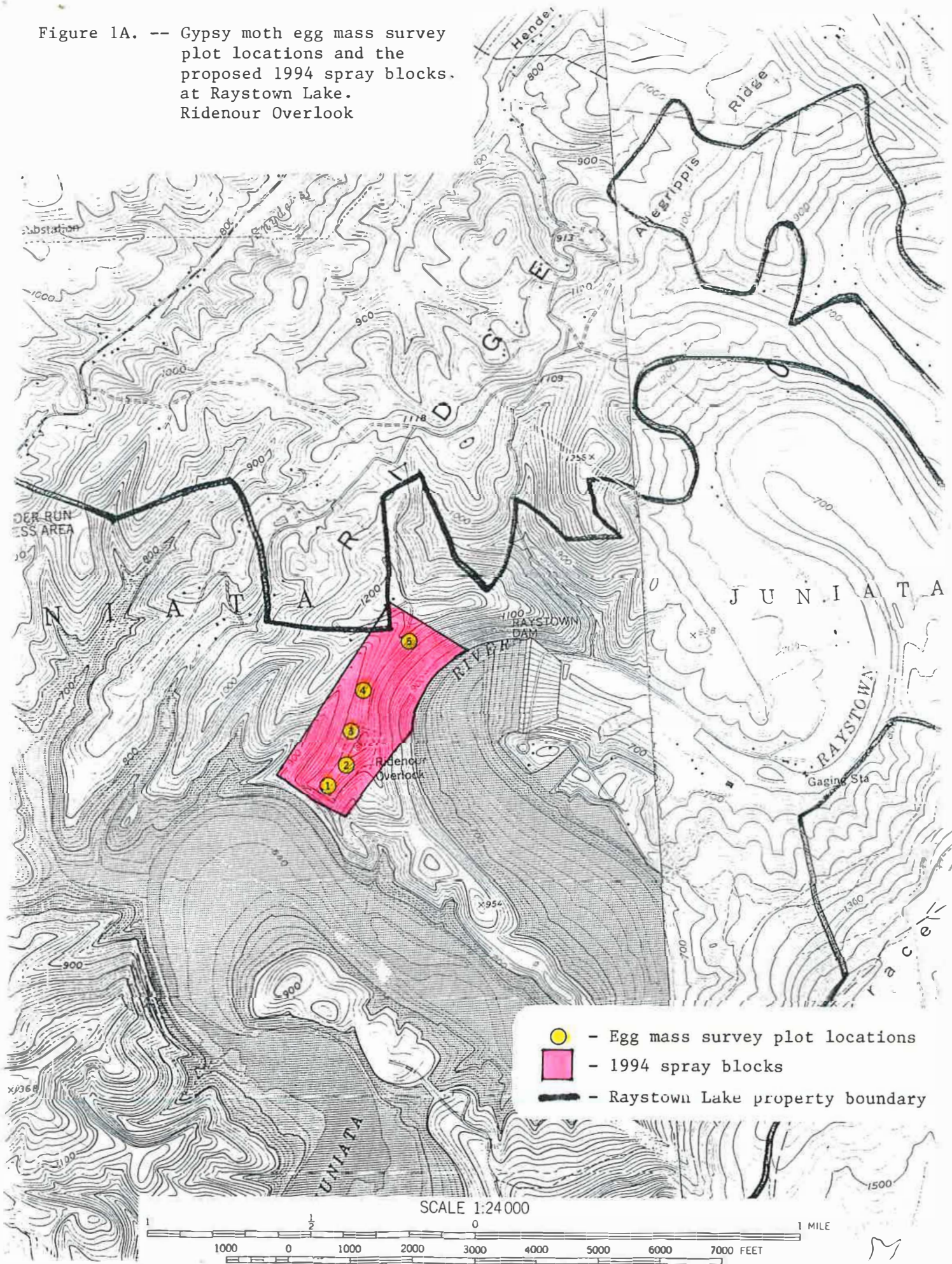
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Table 1.--Gypsy moth egg mass survey results at
Raystown Lake, October 26, 1993.

Plot Number	Number Egg Masses/Acre	Proposed Treatment Block
1	160	Ridenour Overlook
2	0	
3	440	
4	2040	
5	1240	
Range	0-2040	
Average	776	
6	40	Susquehannock
7	80	
8	80	
9	360	
10	1200	
11	3000	
12	120	
13	400	
14	40	
15	0	
Range	0-3000	
Average	532	
16	240	Nancy's Boat to Shore
17	40	
18	120	
Range	40-240	
Average	133	

Figure 1A. -- Gypsy moth egg mass survey plot locations and the proposed 1994 spray blocks, at Raystown Lake. Ridenour Overlook



A topographic map of the Raystown Lake area. The map features contour lines indicating elevation, with labels such as 900, 1000, 1100, 1200, and 1500. A thick black line represents the Raystown Lake property boundary. A pink shaded area along the western shore of the lake indicates the 1994 spray blocks. Yellow circles with numbers 10 through 15 are placed along this pink area, representing egg mass survey plot locations. The map also shows 'Yocum Cem' (cemetery) and 'Susquehannock Campground'. The word 'RAYSTOWN' is printed in two locations. A legend at the bottom left identifies the symbols: a yellow circle for 'Egg mass survey plot locations', a pink square for '1994 spray blocks', and a thick black line for 'Raystown Lake property boundary'. A scale bar at the bottom indicates distances in feet (0 to 7000) and miles (0 to 1). A north arrow is located in the upper right quadrant.

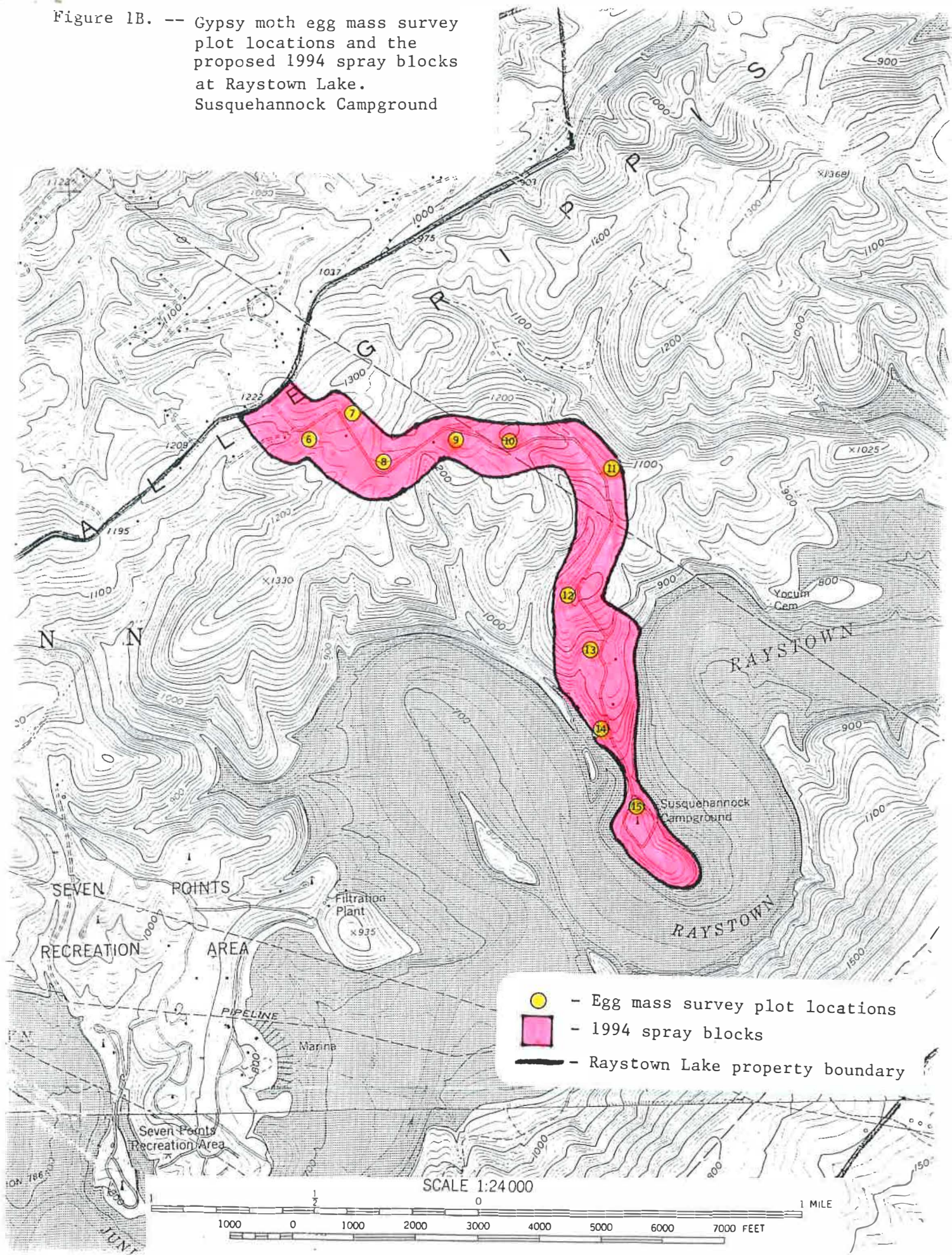


Figure 1C. -- Gypsy moth egg mass survey plot locations and the proposed 1994 spray blocks at Raystown Lake. Nancys Campground

